



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: TOMOKA FARMS ROAD LANDFILL

On-Site Inspection Start Date: 12/23/2010

On-Site Inspection End Date: 12/23/2010

WACS No.: 27540

Facility Street Address: 1990 TOMOKA FARMS ROAD

City: DAYTONA BEACH

County Name: VOLUSIA

Zip: 32114

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Brad Whidden, Inspector

Other Participants: No Representative (File Review Inspection)

ATTACHMENTS TO THE INSPECTION CHECK LIST:

This Cover Page to the Inspection Checklist may include any or all of the following attachments as appropriate.

SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

Inspection Date: 12/23/2010

SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

Requirements:

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18)) Completed	Ok	Not Ok	Unk	N/A
2.1.1	Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility. 62-701.300(1)(a)				✓
2.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)				✓
2.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) <input type="checkbox"/> 100 feet from potable water wells (except on-site)? <input type="checkbox"/> 50 feet from water bodies?				✓
2.3	Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event.) 62-701.300(2)(d)				✓
2.4	Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e)				✓
2.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)				✓
2.6	Are the following unauthorized wastes or special wastes properly controlled, managed and disposed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Regulated asbestos waste 62-701.520(3), 62-701.730(19) <input type="checkbox"/> Used oil and oily wastes, except as exempted 62-701.300(11) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Liquids 62-701.300(10) <input type="checkbox"/> CCA treated wood 62-701.300(14)				✓
2.7	Are only permitted waste types disposed at facility? 62-701.340(2), 62-701.500(6)(a), 62-701.500(2)(c)				✓

Item No.	LANDFILL OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
2.8	Is there a trained operator on-site at Class I and III landfills when receiving wastes? 62-701.500(1)				✓
2.9	Is there at least one trained spotter at each working face when receiving wastes at Class I and III landfills? 62-701.500(1)				✓
2.10	Are the following records or plans current and available on-site? (Check any that are Not OK) <input type="checkbox"/> Training Plan 62-701.320(15)(a) <input type="checkbox"/> Operating Plan 62-701.500(2) <input type="checkbox"/> Waste weight records 62-701.500(4) <input type="checkbox"/> Precipitation records 62-701.500(8)(g)				✓

Inspection Date: 12/23/2010

Item No.	LANDFILL OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
2.10	<input type="checkbox"/> Load-checking program records 62-701.500(6)(a) <input type="checkbox"/> Training records 62-701.320(15)(a) <input type="checkbox"/> Operation record 62-701.500(3) <input type="checkbox"/> Quantity of leachate 62-701.500(8)(f)				✓
2.11	Is the operation plan substantially followed? 62-701.500(2)				✓
2.12	Is incoming waste weighed? 62-701.500(4)(a) and (2)(d)				✓
2.13	Is the method and sequence of filling waste according to plans? 62-701.500(2)(f)				✓
2.14	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				✓
2.15	Is waste compacted as required? 62-701.500(7)(a)				✓
2.16	Are the working face and side slopes above ground graded to a slope no greater than 3 feet horizontal to 1 foot vertical rise? 62-701.500(7)(c)				✓
2.17	Is a narrow working face practiced? 62-701.500(7)(d)				✓
2.18	Is the frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				✓
2.19	Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				✓
2.20	Is litter controlled and are litter control devices maintained? 62-701.500(7)(i) and (11)(f)				✓
2.21	Is erosion control adequate? 62-701.500(7)(j)				✓
2.22	Is the leachate collection and removal system maintained and operated as required? 62-701.500(2)(j), 62-701.500(8)(b) and (h)		✓		
2.23	Is leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)				✓
2.24	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				✓
2.25	Is gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				✓
2.26	Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				✓
2.27	Are gas vents intact and functioning properly? 62-701.500(9), 62-701.530(1)(a)3				✓
2.28	Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10), 62-701.400(9)(c)				✓
2.29	Is stormwater management system maintained and operated as required? 62-701.500(10)				✓
2.30	Is there sufficient operating equipment? 62-701.500(11)(a)				✓
2.31	Is there sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				✓
2.32	Are communication facilities adequate? 62-701.500(11)(c)				✓
2.33	Are approved dust control methods adequate? 62-701.500(11)(d)				✓
2.34	Are fire protection and fire fighting capabilities adequate and operational? 62-701.500(11)(e)				✓
2.35	Are there required signs for operational directions and public information? 62-701.500(11)(g)				✓
2.36	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				✓
2.37	Are ground water wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(8)				✓
2.38	Are all additional specific conditions (not otherwise addressed above) in the permit, Department order, or certification, if any, being followed? 62-701.320(1), 403.161, F.S.				✓

Inspection Date: 12/23/2010

Current Violations:

Rule: 62-701.500(2)(j), 62-701.500(8)(b), 62-701.500(8)(h)

Question Number: 2.22

Explanation: Summary of Potential Noncompliance Items and Recommended Corrective Actions

1. Regulation: Section 403.161 (1)(b), F.S.; Rule 62-701.500(2)(j), 62-701.500(8)(b) and (h) Florida Administrative Code (F.A.C.); Permit # S064-0078767-023, Specific Conditions #8, #16.

The leachate collection and removal system shall be maintained and operated as required.

Potential Violation(s):

According to the incident report dated November 10, 2010, approximately 100,000 gallons of leachate was discharged from an open leachate force main from the leachate impoundment pond. According to the report, a flow meter was being installed and the line was left open overnight when the discharge occurred. The report stated that a surge valve failed or an undetermined valve was left open resulting in a backflow.

The report stated that the leachate discharged was treated leachate being stored in the leachate impoundment to supplement the flow of untreated leachate from the landfill to the on-site leachate treatment plant. However, the Department considers the incident a violation of the aforementioned regulations since the incident involves components of the leachate collection and removal system.

Corrective Action: According to the incident report, discharged leachate accumulated in a swale. Areas of the impacted stormwater pond were vacuumed. Saturated soil was excavated and disposed in the class I landfill. The facility has submitted detailed analytical results from stormwater pond sampling performed the day after the discharge.

The facility must submit to the Department a revision to the facility's operation plan detailing revised procedures for any repairs and maintenance to the leachate collection and removal system. Furthermore, the incident report and the analytical results submittal did not reveal the exact cause of the release. This information must be conveyed to the Department if the exact cause has since been determined.

Pre-existing Areas Of Concern:

Rule: 62-701.500(2)(j), 62-701.500(8)(b), 62-701.500(8)(h)

Question Number: 2.22

Explanation: There were leachate seepage areas on the south side slopes. Chet Purves said that these resulted after heavy equipment use during grading activities. The leachate accumulates on a side slope berm and appears to remain in the lined area of the landfill.

Corrective Action: The facility must continue to take action to prevent leachate seepage in this area.

Inspection Date: 12/23/2010

COMMENTS:

12/23/2010

Not an on-site inspection. Non-applicable checklist items marked N/A.

Inspection Date: 12/23/2010

Signed:

Brad Whidden

PRINCIPAL INSPECTOR NAME

Inspector

PRINCIPAL INSPECTOR TITLE

Brad Whidden

PRINCIPAL INSPECTOR SIGNATURE

FDEP

ORGANIZATION

1/3/2011

DATE

No Representative (File Review Inspection)

REPRESENTATIVE NAME

NO SIGNATURE

REPRESENTATIVE SIGNATURE

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.